WIDE AREA COMMUNICATION NETWORKING

Abstract of the Disclosure

A wide area communications network (500) includes a first digital subscriber line (502). A first network interface device (504) connects to the digital subscriber line (502). The first network interface device (504) separates an ISDN channel (508) from a digital subscriber channel (510). An ISDN telephone (508) is connected to the network interface device (504). A protocol translator (512) is connected to the network interface device (504) by the digital subscriber channel (510). A hub (514) is connected to the protocol translator (512). A plurality of devices (516, 518) is connected to the hub (514). A digital subscriber line access multiplexer (506) is connected to the first digital subscriber line (502). The digital subscriber line access multiplexer (506) separates the digital subscriber channel from the ISDN channel (522). A public switched telephone network (523) is connected to the ISDN channel (522). An asynchronous transfer mode network (526) is connected to the DSLAM (506) by a first virtual circuit (524) of the digital subscriber channel. An ISP (528) is connected to the DSLAM (506) by a second virtual circuit (530) of the digital subscriber channel. A LAN 532 is connected to the ATM network (526) by the first virtual circuit (524).